

JC18 Ret'd PCT/PTO 2 8 JUN 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Alan Anderson Hoover  
Filed : Herewith  
For : A STEREOPHONIC SPATIAL EXPANSION CIRCUIT  
WITH TONAL COMPENSATION AND ACTIVE  
MATRIXING

4A  
58  
9/28/01

PRELIMINARY AMENDMENT

Hon. Commissioner of Patents and Trademarks  
Box PCT  
Washington, D.C. 20231

Sir:

In the US national phase application of PCT/US99/29939 filed  
herewith, please enter the following amendments:

IN THE SPECIFICATION:

Please amend the specification as follows: A marked up version of the  
amended specification is attached herewith:

On Page 1, line 6, after "January 11, 1999" insert the following:

A1  
-- which is hereby incorporated herein by reference, and which claims  
the benefit under 35 U.S.C. § 365 of International Application PCT/US99/29939,  
filed December 15, 1999, which was published in accordance with PCT Article 21(2)  
on July 20, 2000 in English.--

IN THE ABSTRACT:

Please add the following Abstract.

A2  
-- In a stereophonic expansion circuit, the (L+R) sum signal is  
spectrally modified by increasing the bass and treble frequencies relative to the  
midrange so as to compensate for a midrange frequency boost in the (L-R) difference  
signal. The stereophonic expansion effect and manipulation of the signal parameters  
are produced by active matrixing amplifiers.--